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Class Specifications  
for the Class:

WELDER II

Duties Summary:

Performs and supervises skilled welding to fabricate and repair metal products using brazing and a variety of arc and gas welding equipment; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the working supervisory level in the series.

This class differs from the class Welder I in that the Welder II, in addition to performing skilled welding work as the major work assignment, supervises the work of skilled welders as a continuing work assignment including setting the pace and quality of workmanship; whereas the Welder I performs skilled welding work independently in the fabrication and repair of metal products and may occasionally lead the work of other skilled welders but mainly confines supervision to welder helpers and other semi-skilled or unskilled workers.

This class differs from the class Welder Supervisor in that the Welder II spends a majority of the work time in performing skilled welding work and, in addition, supervises other skilled welders; whereas the Welder Supervisor reflects responsibility for a small welding shop and plans, lays out and inspects the work of a few skilled welder subordinates as well as the work of contract welders on a substantially full-time basis and only occasionally may perform skilled welding work.

Examples of Duties:

Plans, organizes, lays out, assigns and reviews the work of several skilled welders and participates in welding light and heavy gauge metals; supervises and participates in repairing metal parts of light and heavy equipment such as pick-ups, trucks, shovels and tractors by welding or brazing broken parts; instructs helpers in operating oxyacetylene and electric welding machines, preparing metals for brazing or welding, and selecting proper materials and supplies for various welding jobs; demonstrates methods of heating, welding, cutting and brazing with oxyacetylene and electric welding machines; inspects welds; may perform work in other trades when not used in welding.

Knowledge and Abilities Required:

Knowledge of: Practices and methods in the welding trade, including safety procedures; and the tools, equipment and materials used in oxyacetylene and electric welding and brazing including the composition and properties of ferrous and non-ferrous materials used in welding and brazing.

Ability to: Operate oxyacetylene and electric welding equipment, and use other hand and power tools common to the welding trade, weld all types of joints and do cutting; read and interpret blueprints and sketches; recognize hazards typical of the work; estimate time and materials to complete welding work, and keep records and make reports; plan, lay out, assign and review the work of other skilled welders; and understand, give and follow oral and written instructions.

Minimum Qualification Requirements:

Experience and Training: Six (6) years of work experience in the use and care of brazing, welding and related equipment used in the welding trade of which two years shall have been as a fully competent welder; or an equivalent combination of experience and training.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Handicaps in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

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This is an amendment to the class specification for the class WELDER II approved on May 28, 1958, and an amendment to the minimum qualification specification approved on February 26, 1969.

DATE APPROVED: 10/30/84

JAMES H. TAKUSHI  
Director of Personnel Services